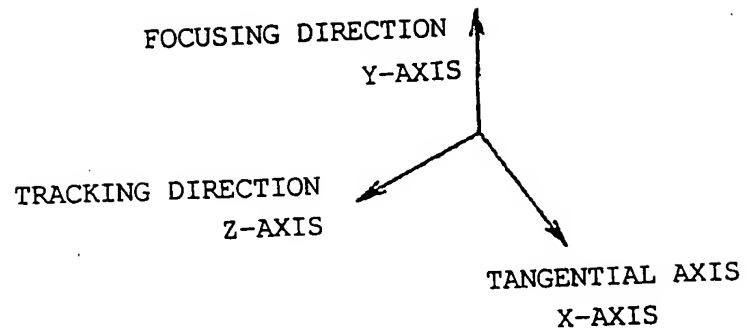


# FIG. 1



100

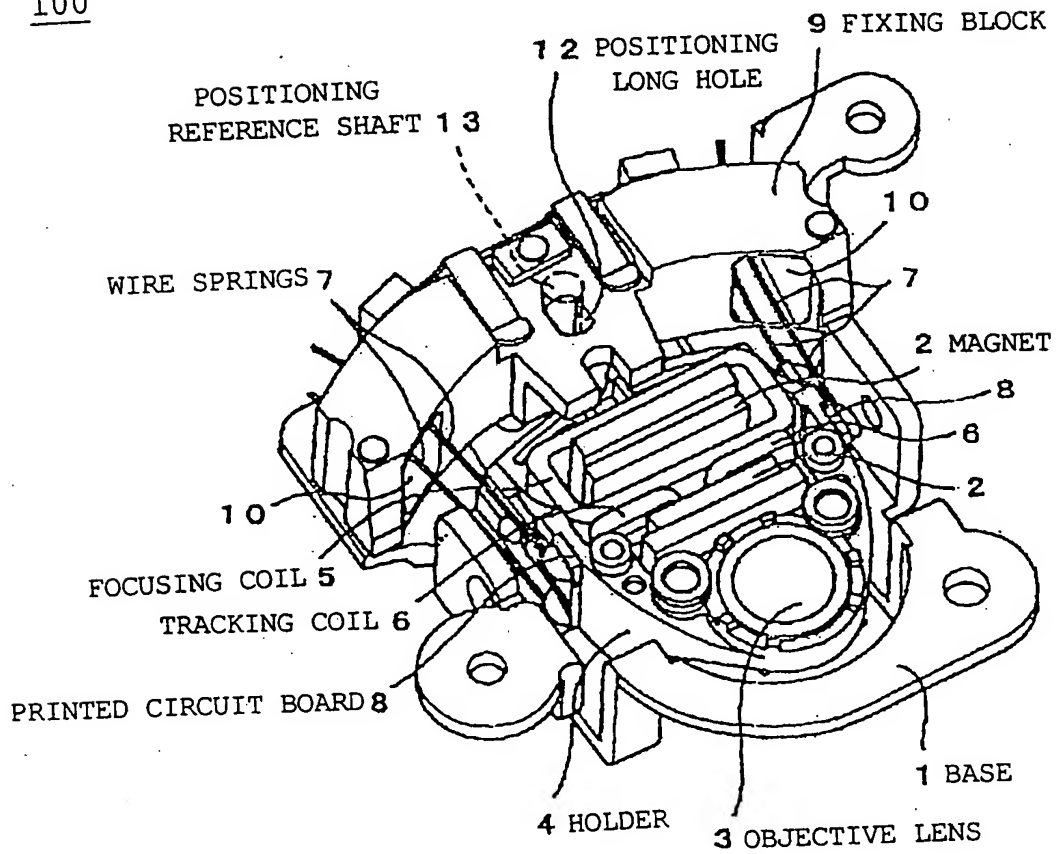


FIG. 2

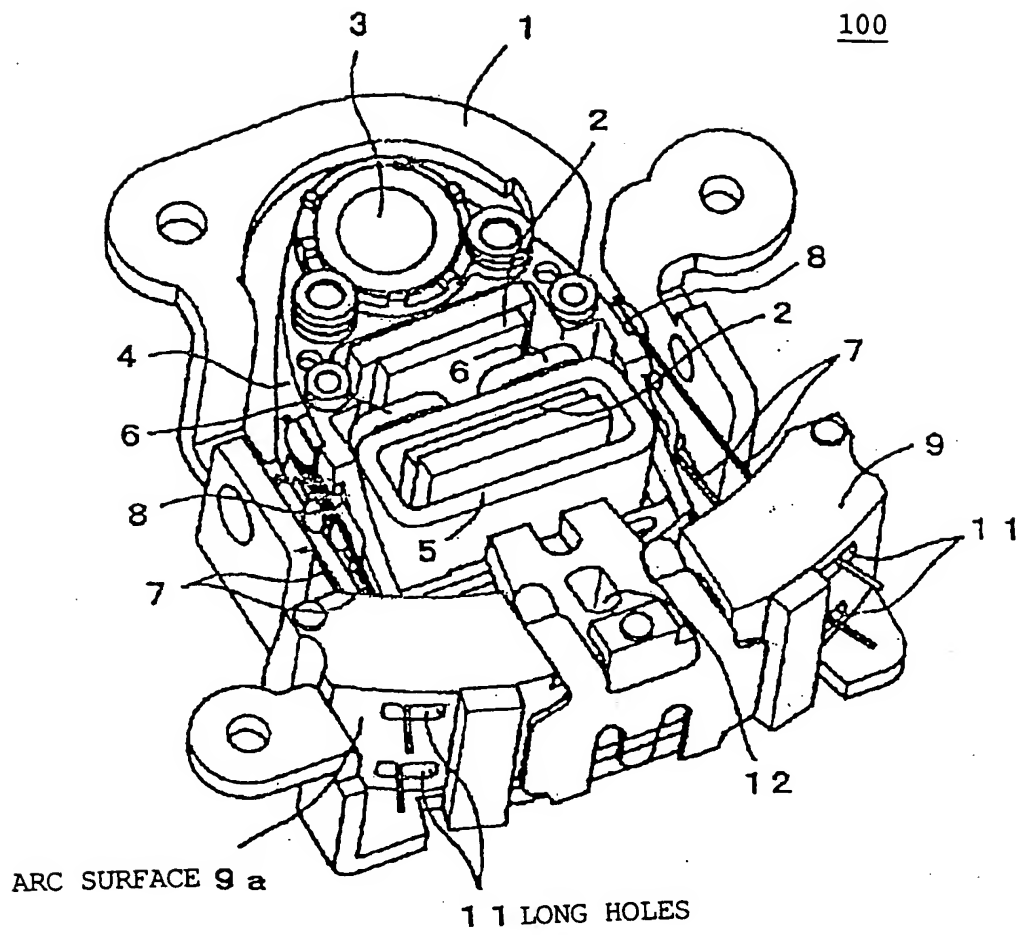


FIG. 3

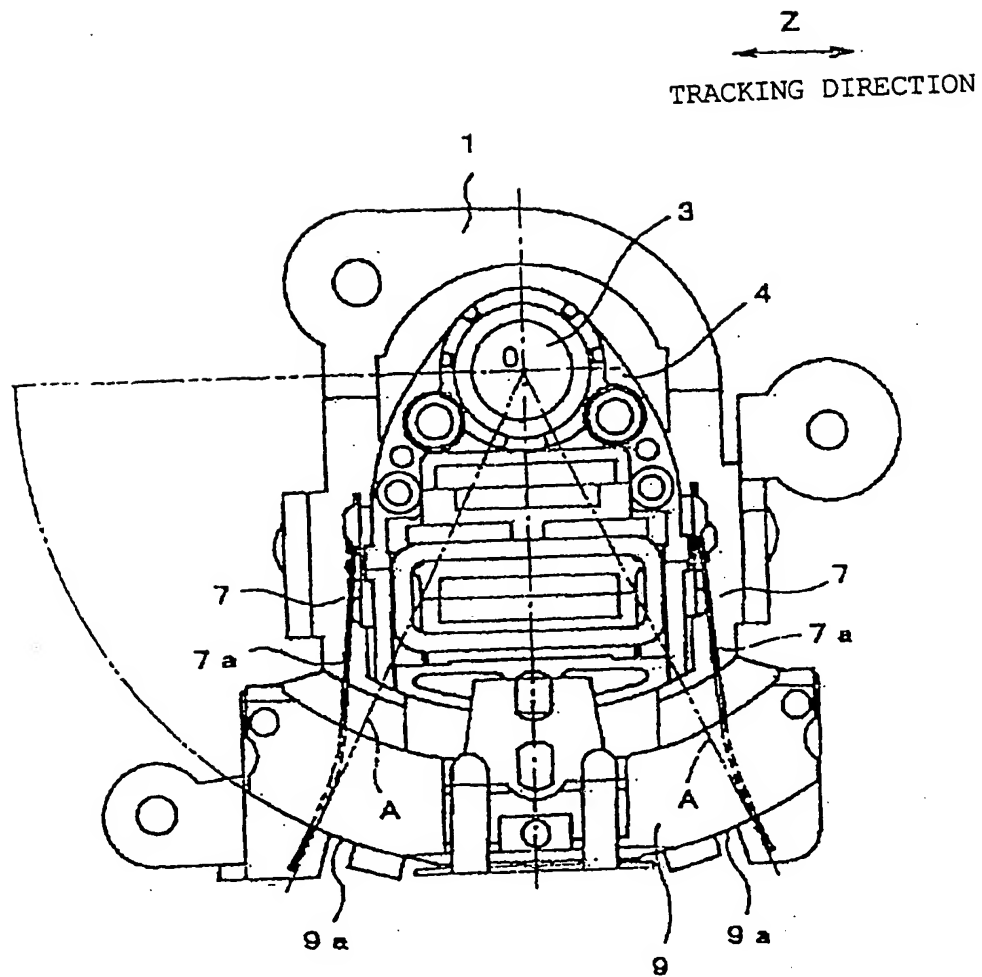
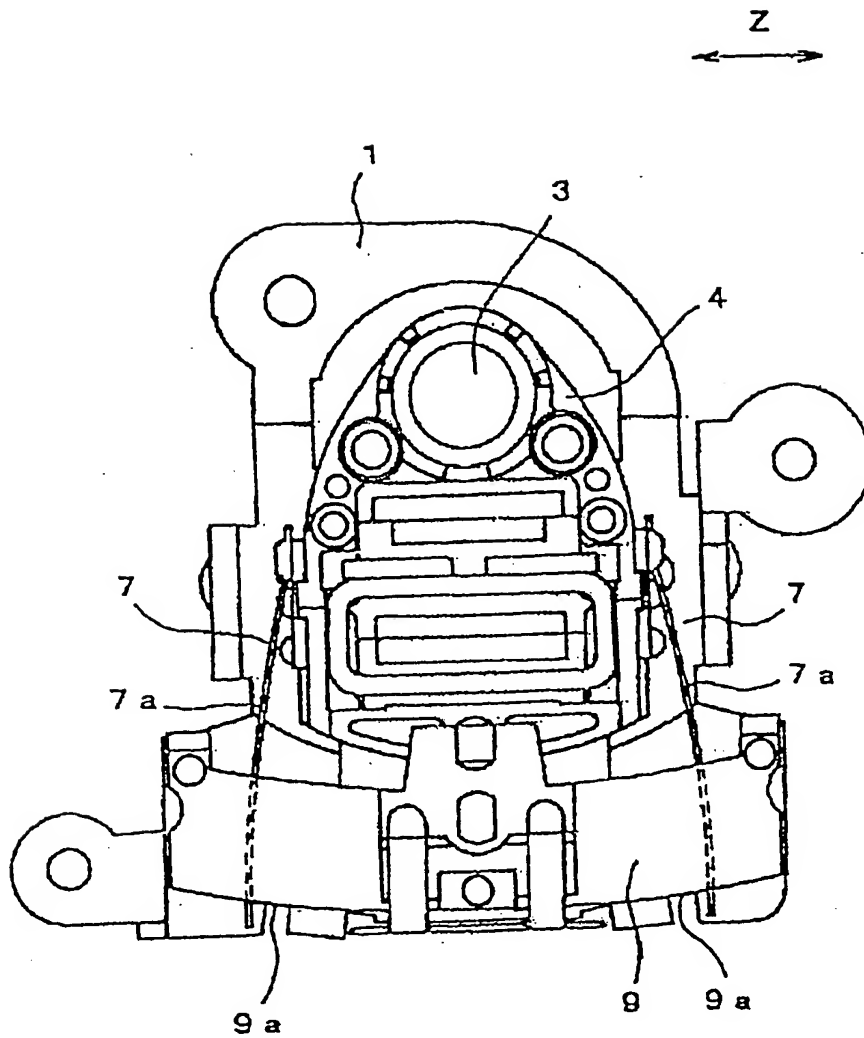
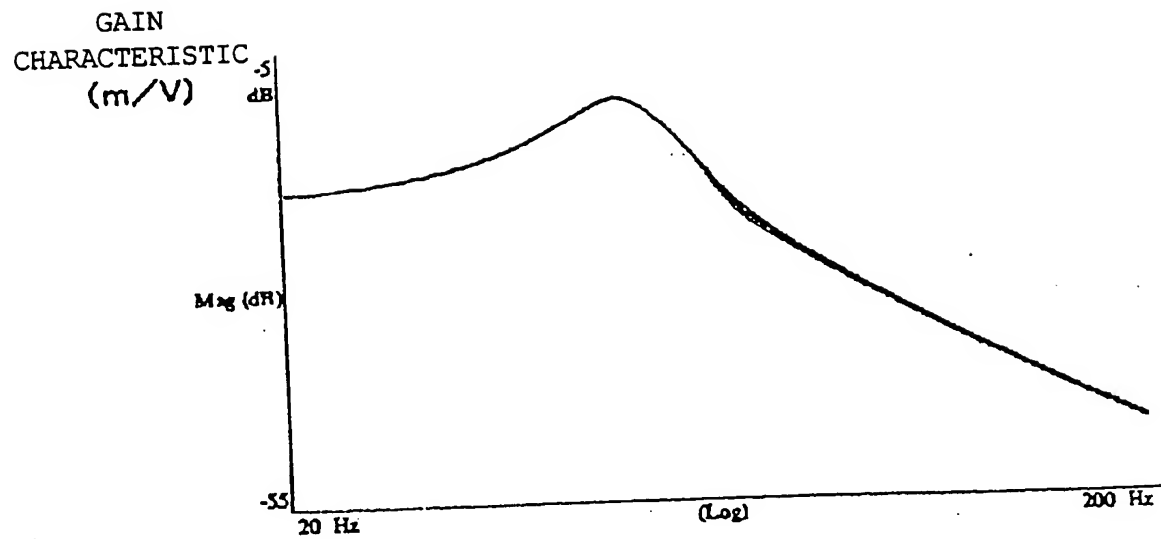


FIG. 4



# FIG. 5A



# FIG. 5B

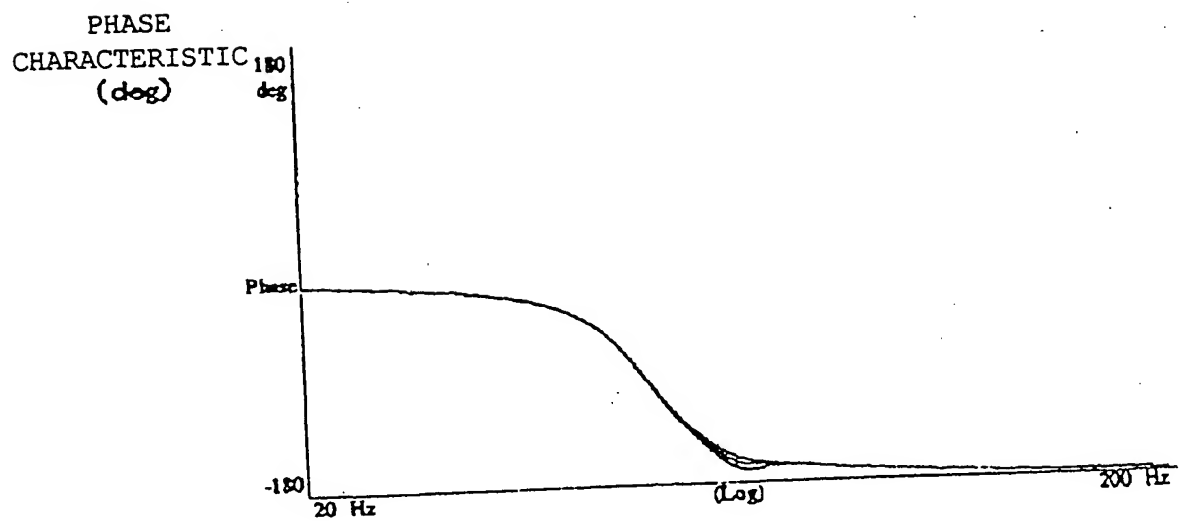
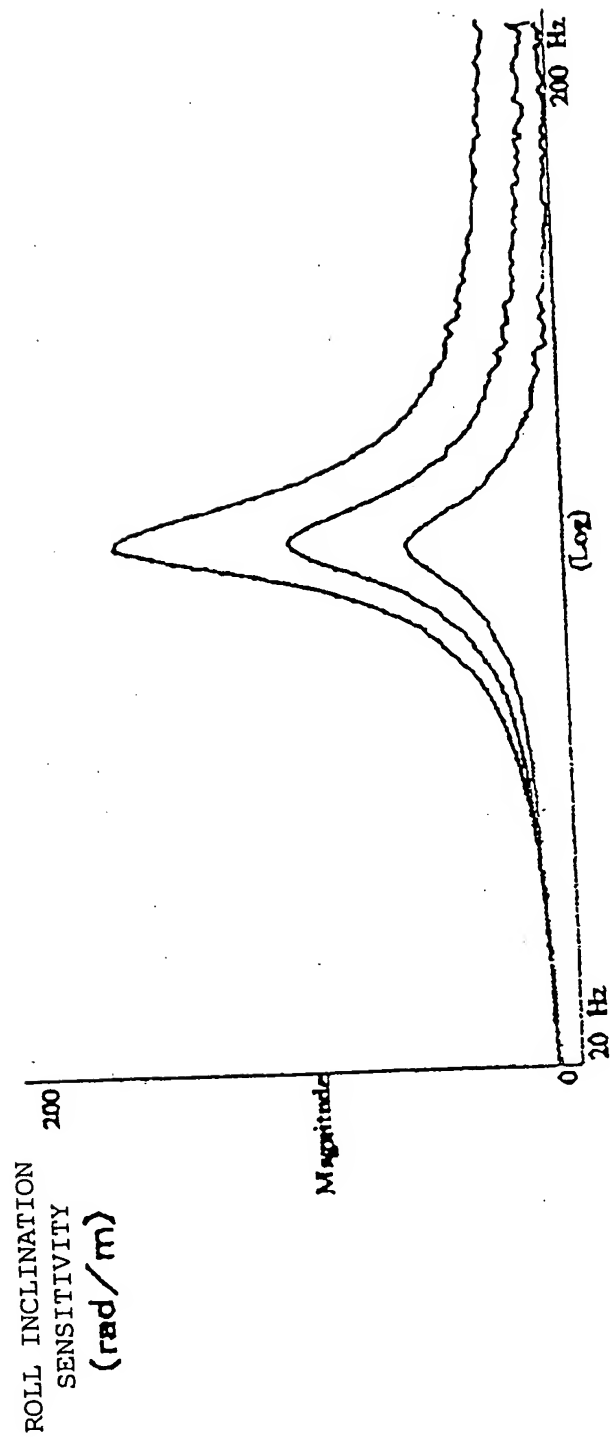
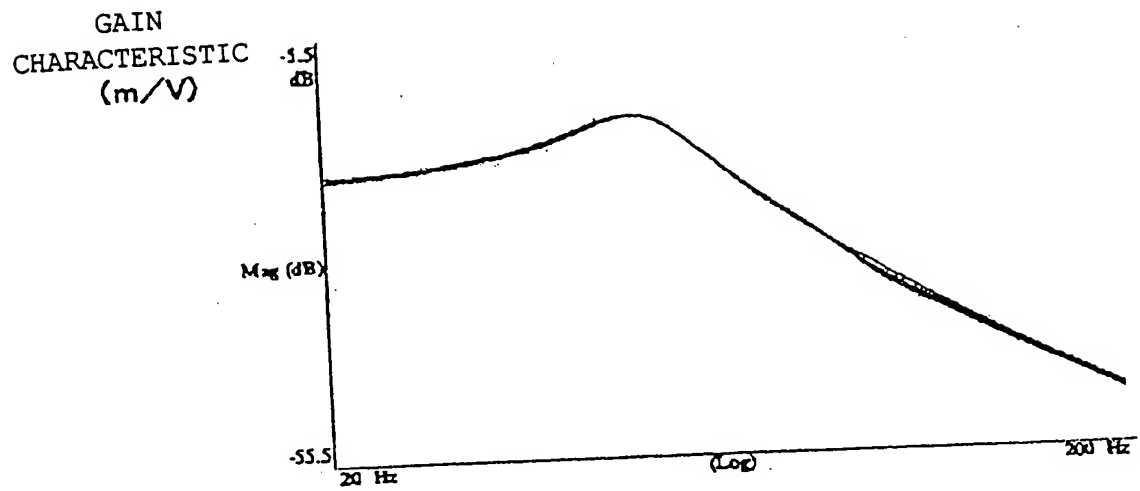


FIG. 6



# FIG. 7A



# FIG. 7B

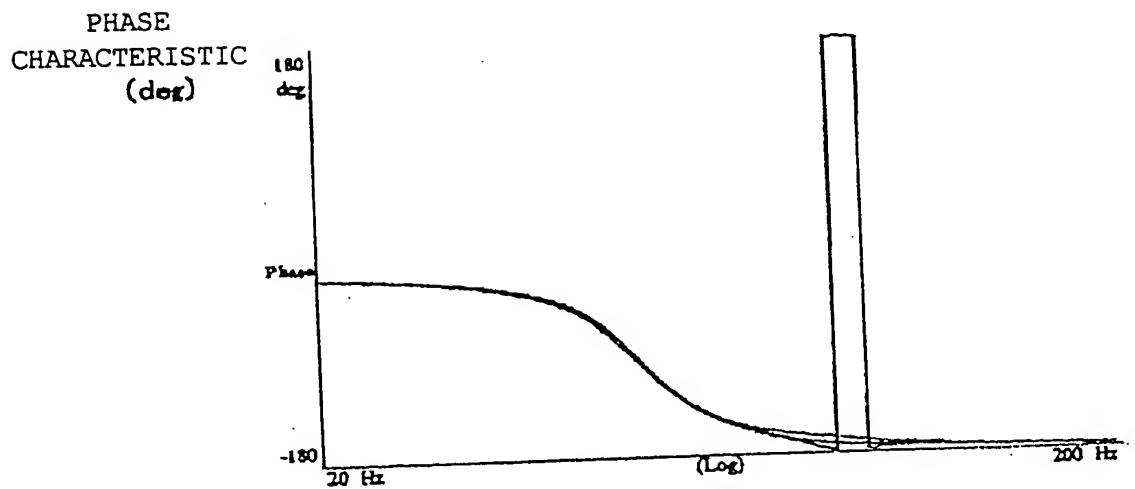
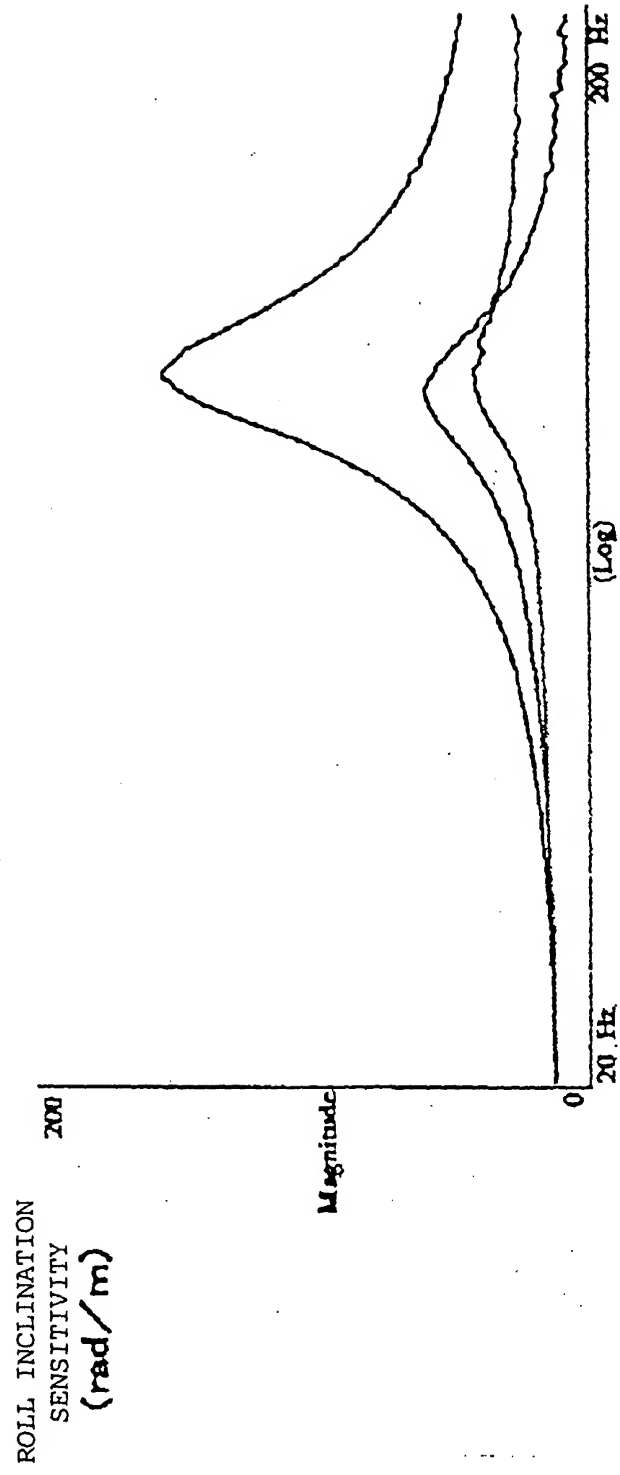


FIG. 8





# FIG. 9

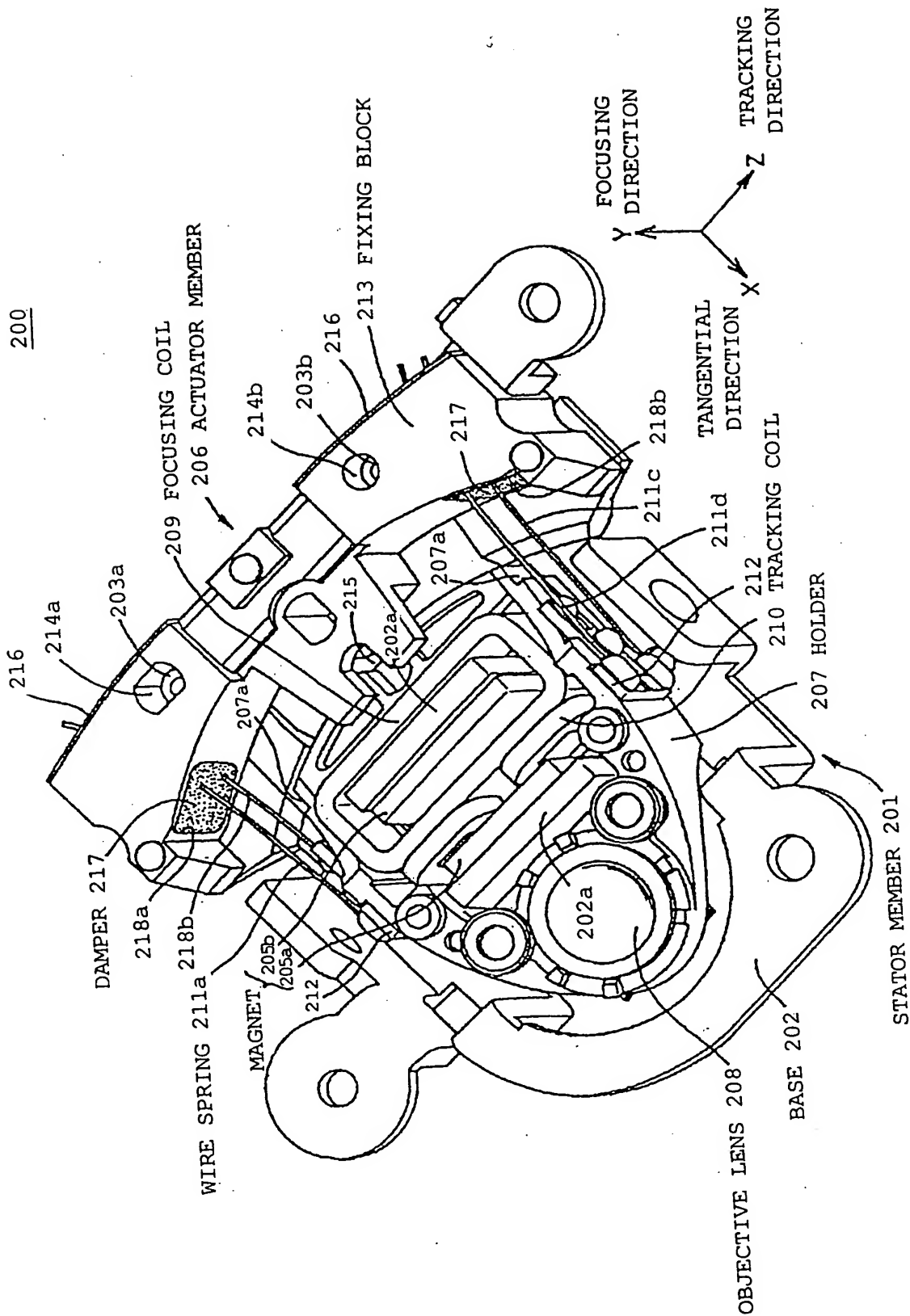


FIG. 10

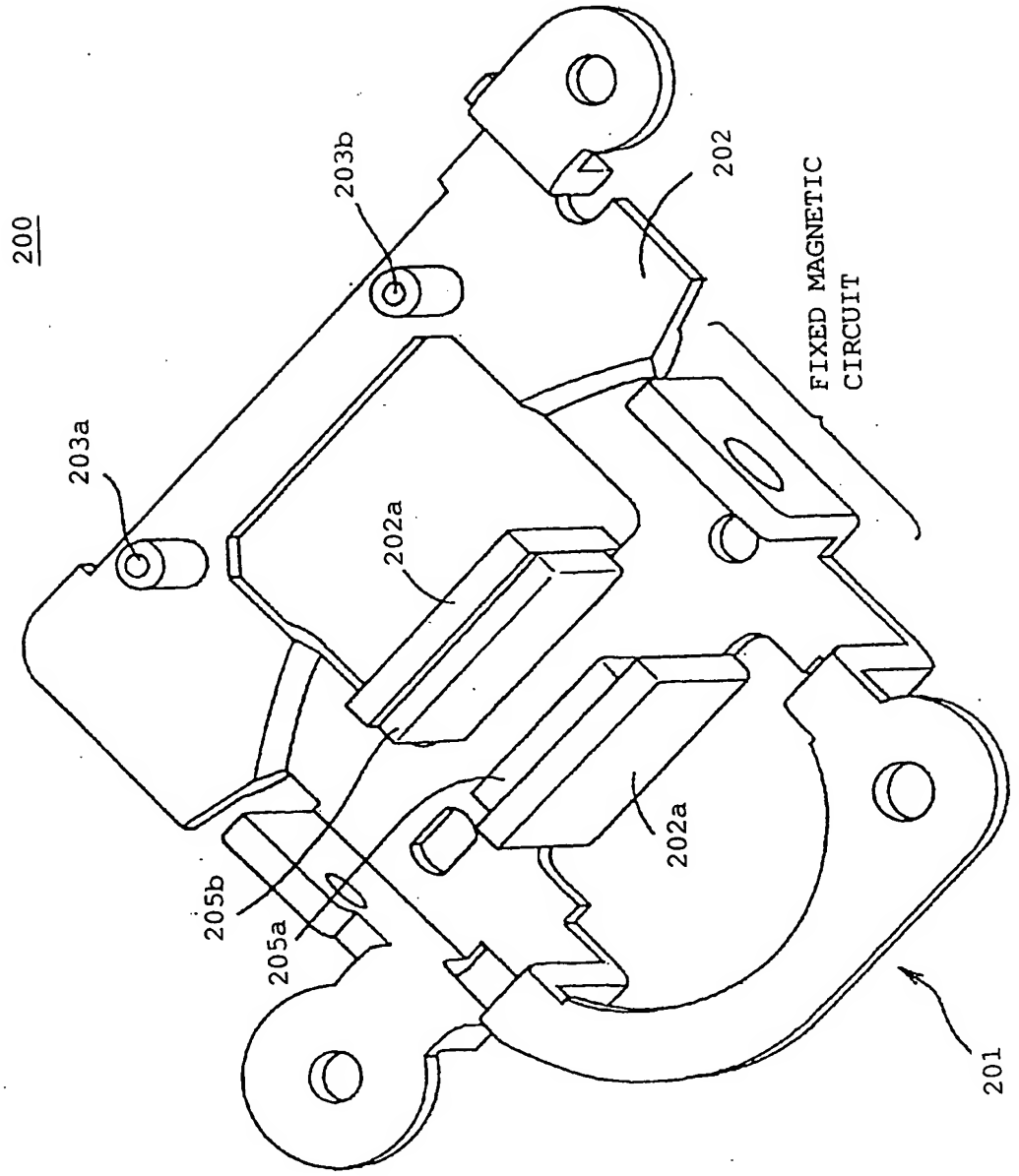
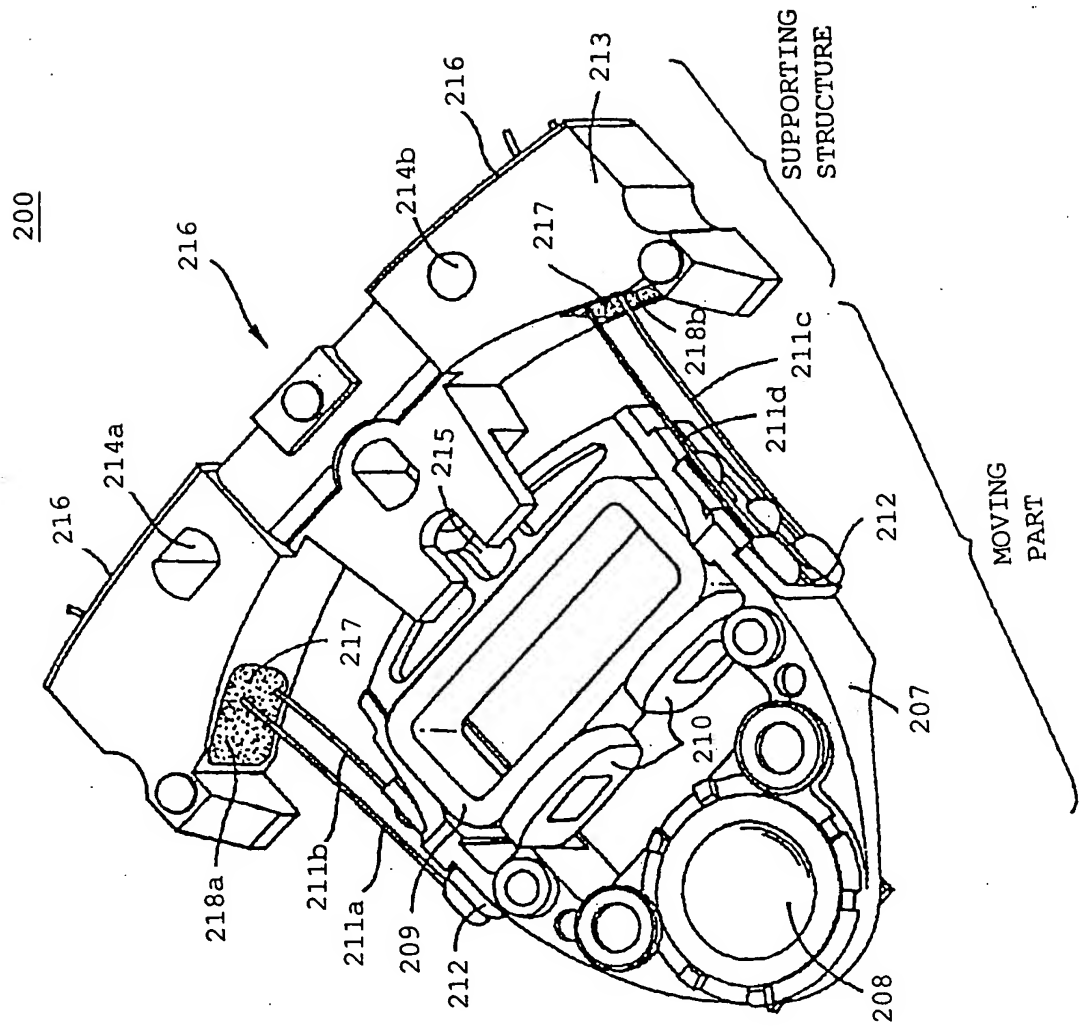
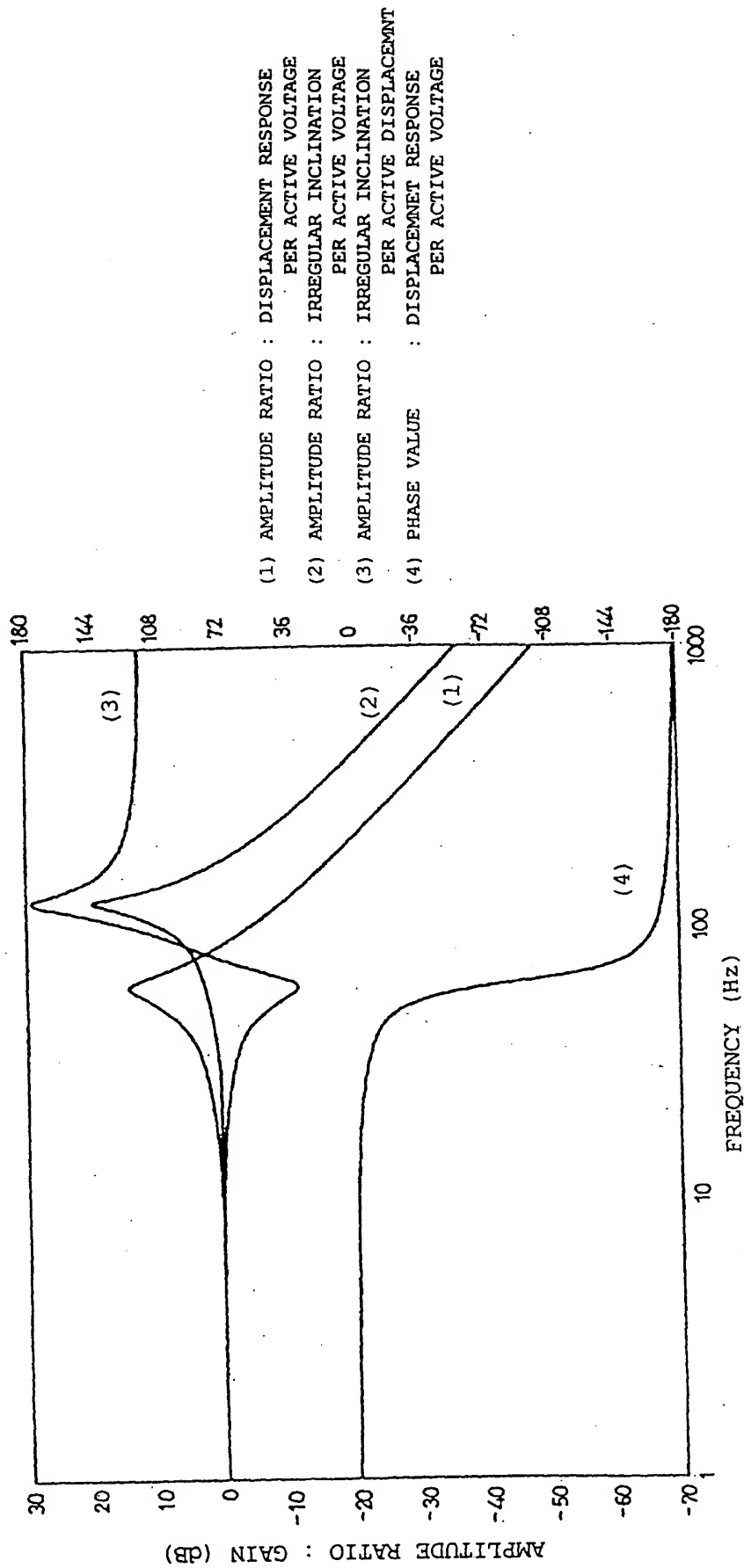


FIG. 11



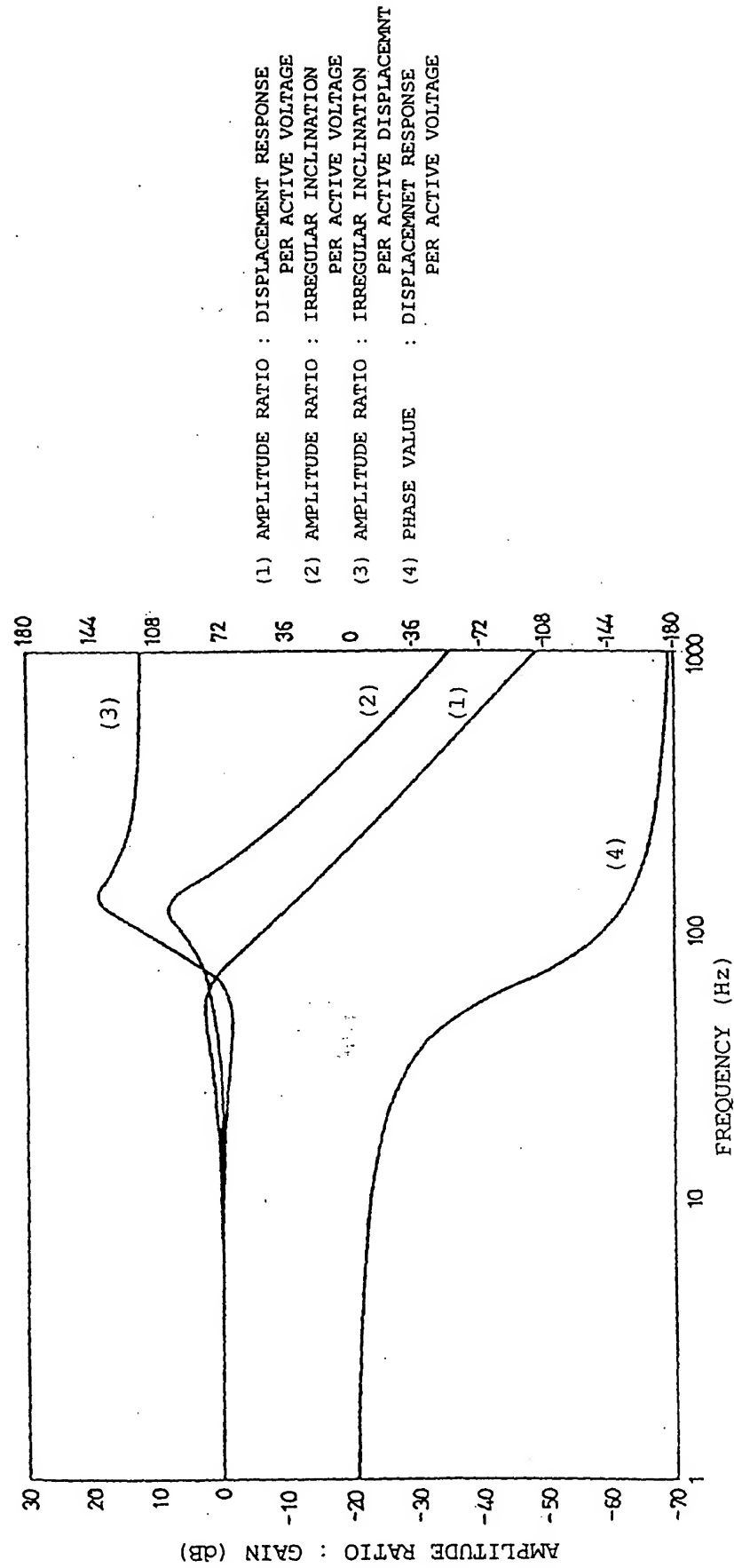
# FIG.12

[ OPTIMIZATION TO ACTIVE FREQUENCY  
EXAMPLE OF FREQUENCY RESPONSE CHARACTERISTIC  
WHERE  $\zeta = 0.2 @ 60 \text{ (Hz)}$  ]



# FIG.13

[ OPTIMIZATION TO ACTIVE FREQUENCY  
EXAMPLE OF FREQUENCY RESPONSE CHARACTERISTIC  
WHERE  $\zeta = 0.4 @ 60 \text{ (Hz)}$  ]



# FIG. 14

[ OPTIMIZATION TO ACTIVE FREQUENCY  
EXAMPLE OF FREQUENCY RESPONSE CHARACTERISTIC  
WHERE  $\zeta = 0.2 @ 120 \text{ (Hz)}$  ]

